

eCounter – the Technology

Prototype

- Azure function

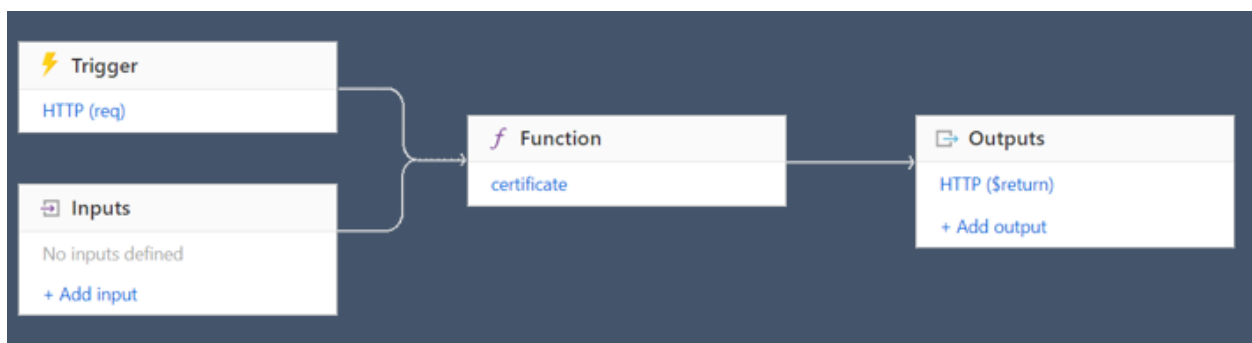
Product

- ASP.NET in NET 5
- Docker Container
- Heroku Hosting
- Mailgun Email service
- MsWord Integration



Azure function - fast prototype

- To quickly setup a testing service that can be used from Sophie's integration
- Free account for 1 month at <https://portal.azure.com>
- Setup a HTTP Trigger
- Write a handler in the language of your choosing
 - C#, Javascript, Python or others



MS Word integration

- Nuget is DocumentFormat.OpenXml v2.11.3
- Docx is a zip archive with xml content
- Given a template, we find and replace specific keywords with the input values and generate the custom document.
- Reference documentation:
 - <https://docs.microsoft.com/en-us/office/open-xml/how-to-change-text-in-a-table-in-a-word-processing-document>
 - <https://stackoverflow.com/questions/18316873/replace-text-in-word-document-using-open-xml>



Flowchart

